

On the Photocalorimetric Determination of
Sulphuric Gas in Atmospheric Air, by *#3*
Ye. N. Zasuhin, V. P. Tsvetanova.
RUSSIAN, per, Tr. Glav. Geofiz. Observ., Vol. 185,
1966, pp 133-138.
ILL Ref: 5828.4F (7171)

YE. N. ZASUHIN

Sci/Atmos
Mar 69

375,000

New Processing Trends in Wire Galvanizing, by
A. Zastera,
GERMAN, per, Draht, Vol 17, No 3, 1966,
pp 111-116.
BISI S178

A. Zastera

Sci/Materials
Jun 67

\$27.59

Atlas of Climatological Pressure-Field
Characteristics of the Northern Hemisphere
Troposphere, by L. G. Zastavko,
RUSSIAN, per. Ind. Monogr. 1967, 13 pp.
NLL Ref: 5828.4F (7200)

28

L. G. ZASTAVKO

Sci-Atmos
Jan 69

373.579

L. Zasomski
Attempted Determination of the Effectiveness of
Anti-friction Agents in the Thermosetting Lanes,
by M. Jankowska and L. Zasomski. W. pp.
POLISH, per, Polimery, Vol. 14, No 11, 1969,
pp 543-545.
AIR/PTD-HC-23-220-71

Aug 71

Theory of Reproduction of Fish Stocks, by
A. V. Zasosov.
RUSSIAN, per, VNIRO, Vol 67, 1969, pp 101-111.
Dept of Interior
BCP/OPP

47

A. V. ZASOSOV

Sc²/BKT
June 70

Methods for Determining the Catching Efficiency of Trawls of Recent Design, by A. V. Zaitsev,
RUSSIAN, per. Izdatelstvo Khimpromstvo, Vol. 421, No 7,
pp 40-42.

Dept of Interior
Fish and Wildlife Service
BCI, Bureau of Foreign Fisheries

USSR
Econ
Jan 68

346.0134

I. S. ZASLONKO

Possibility of Obtaining an Inverse Population
in Exothermic Decomposition Reactions, by
I. S. Zaslonsko.

RUSSIAN, per, Dok Ak Nauk SSSR, Khim Chem.,
Vol 202, No 5, Feb 1972, pp 1121-1124
CB

Sept 72

Some Questions of the Methodology Used in
Investigating the Radiation Resistance of
Lubricants, by Yu. S. Zaslavskiy.

A. D. Stukin.

RUSSIAN, rpt, Transactions of the All-Union
Scientific-Research Inst for Petroleum and
Gas Processing and the Production of Syn-
thetic Liquid Fuel, No 10, 1967, pp 237-

249.

Dept of Navy/NIC 2854

Yu. S. ZASLAWSKY

Sci-Phys
July 69

388,695

Radio Indicator Method for Examining the Chemical
Activity of Antiseizing Additives at 200-600°C
in the Oil-metal Contact Zone, by
Yu. S. Zaslavskiy, G. I. Shor. 9 pp.
RUSSIAN, per, Trudy Moscow Vses Nauch-Issled Inst
po Pererabotke Nefti, No 10, 1967, pp 191-198.
AIR/FID/MT-23-277-69

79

Yu S. Zaslavskiy

Sci-Materials
Mar 70

403, \$11

77
Radio Indicator Method of Examining the Reaction
Mechanism of Organopolybdenum Oil Additives, by
Yu. S. Zaslavskiy, G. I. Shor, 8 pp.
RUSSIAN, per, Trudy Moscow Vses Nauch-Issled Inst
po Pererabotke Nefti, No 10, 1967, pp 190-205.
AIK/FID/III-23-277-60

Yu. S. Zaslavskiy

Sci-Materials
Mar 70

403,312

Method of Studying Sizes and Charges of Particles
Formed by Detergent Additives in Motor Oils, by
G. I. Sher, Yu. S. Zaslavskiy, 14 pp.
RUSSIAN, per, Trudy Moscow Nauchno-Issledovatel'skogo Instituta
po Pererabotke Nafti, No 10, 1957, pp 112-179
AIE/FTD/MT-23-277-69

Yu. S. Zaslavskiy

Sci-Chem
For 7%

403-309

Radio Indicator Method for Studying Detergent and
Antioxidant Properties of Engine Oil Additives,
by C. I. Shor, Yu. S. Zaslavskiy. 7 pp.
RUSSIAN, per, Trudy Moscow Vses Nauch-Tekhnicheskogo
po Pererabotke Nafti, No 10, 1967, pp 163-164.
AIP/FID/IT-23-277-69

78
74

Yu S. Zaslavskiy

Sci-Chem
Mar 70

405, 300

1002
Radiation Effects Upon the Properties of Lubricating Materials, by Dr. S. Zaslavskii, G. I. Sher.
RUSSIAN, tit. Radiatsionnye vlastnosti smazchivayushchikh materialov, 1957, pp 1-100.
Soviet Academy of Sciences

Sc-Met
Jun 68

Dr. S. Zaslavskii

Automatic prognosis of the course of a disease
with the help of Digital Computers, by
D. Ya. Zaslavskiy, K. A. Ivanov-Kostomarov, S. P.
RUSIAN, per. Doklady Akademii Nauk SSSR, Moscow,
Vol 187, No 3, 1969, pp 528-530.
JES 48890

55

D. ya. zaslavskiy
Sci-cybernetics
Sept 69

998.000

Automatic Prognosis of the Course of Diseases by
Means of a Digital Computer, by S. Ya. Noslavskiy.
RUSSIAN, per, Dok Akad SSSR, Vol 167, No 3,
July 1969, pp 528-530.
The Am Inst of Phys
Vol 14, No 7, Jan 1970

S. Ya. Noslavskiy

Feb 70

461,381

Mathematical Model of Purposeful Behavior, by
S. Ya. Zaslavskiy, Z. L. Leybenson, 9 pp.
RUSSIAN, por., Modelirovaniye v Molekulyarnoj Biologii,
Kiev, No 3, 1968, pp 31-39.
JPRS 48055

67

S. Ya. ZASLAUSKIY

Sci-B and H
July 69

300.1112

Device Providing a Constant Pressure Drop
Between Auxiliary and Main Fuel Tanks, by
I. I. Zaslavsky, et al.
RUSSIAN Patent No 179,564, 1966.
•ACS1 J-2704
ID 2204025267

Sci-Prop & Fuels
Jun 67

On the Mechanism of Fermi Acceleration in
the One-Dimensional Case, by G. M. Zaslavskiy,
B. V. Chirikov.
RUSSIAN, rpt., Theory of Dynamical Systems.
NLL Ref. 5828.4 1965 (5793) 120

G. M. Zaslavskiy

Sci-Phys
June 66

303,270

Agency: AEC/Tenn.
P.O. Number: DTI-70-4

11-10810-3
30 Sept. 69

Title: The Instability of Non-linear Periodic
Waves in a Medium with Dispersion.

Authors: G.M. Zaslavskii and N.N. Filonenko.

Source: Institute of Nuclear Physics, Novosel-
birsk, 1968

Language - Russian

Special Instructions: Please translate into
English the Russian abstract preceding each
report -and type 1 copy only.

Flying Weight of an Aircraft Generator, by
D. I. Zaslavskiy.
MOSCOW, pub., Elektrotehnika, No. 4, 1968,
pp 4-6.
USCII-J-7692
WSTC-H-23-437-70

13

D. I. Zaslavskiy

Sci-Aero
Dec 69

The Flight Weight of an Aircraft Generator, by
D. I. Zaslavskiy, 6 pp.
RUSSIAN, por, Elektrotehnika, No 4, 1968, pp 4-6.
ACSI J-7692
FSTC-IT-23-437-70

D I ZASLAVSKY

Sci/Aer
May 70

Unsteady Transonic Flow Past a Corner, by
B. I. Zaslavskiy.
RUSSIAN, per, Zhurnal Prikladnoy Mekhaniki i
Tekhnicheskoy Fiziki, No 1, 1967, pp 100-101.
NASA TT F-11.307

108

Sci-Phys
Dec 67

Unsteady Transonic Flow Past a Cone^{1/2}
by Zaslavskiy.
RUSSIAN, per, Zhurnal Prikladnoi Mekhaniki
i Tekh Fiziki, No 1, Jan-Feb 1967, pp 100-108,
NASA TT F-11, 307

Zaslavskiy

Sci-Phys
Sept 67

34
27

About One Diagram of Acceptance of Solutions. J.
by S. Ya. Zaslavskiy, 11 pp.
RUSSIAN, per. AH UkrSSR. Nauchnyj Sbornik:
Kibernetika. Seminar. Matematicheskie Problemy
Biolibnetiki. Primenenie Kibernetiki v
Biologii i Meditsine, No 1, 1967. pp 67-79.
AIR/PTD/MT-24-291-67

Sci-Elect & Elect Engrs
Jan 69

370,788

S. Ya. Zaslavskiy

Variability Conditions of the Random
Phase Approximation for Non-Linear
Wave Interaction in a Plasma, by
G. M. Zaslavskii.
RUSSIAN, rpt. Preprint No 47, 1966.
pp 1-8.

ABC RP-Tr-1684

NLL R.F. 7071.YF (C70/425)
G. M. Zaslavskii

107
113

Sci-Phys
Aug 68

357,486

Breaking of Magnetic Surfaces Due to Magnetic
Field Perturbations, by G. M. Zaslavskii,
RUSSIAN, rpt. Report, No. 74, 1966, pp 1-112.
NLL Ref: 9091.9F (CP0/422)

PO

G. M. ZASLAVSKII

Sci-Phys
Aug 66

362.012

Random Instability of Non-Linear Oscillations.
by G. M. Zaslavskii
RUSSIAN, per, Zh. Prikl. Mat. i Tekhn. Fiz., No. 2,
1967, pp 16-22.
MLL Ref: 9091.97 (OTD/M26)

Sci-Physics
Jul 68

G. M. Zaslavskii

160,792

Aerodynamic Investigations of Steam Turbine Governor Valves, by A. M. Zaslavskii
SUBJAM, per, ~~Машиностроение~~, Vol 17,
No 10, 1966, pp 13-22.
ML Ref: 9022.09 (4954)

9022.09 (4954)

A. M. ZASLAWSKII

Sci-Energy Conversion
Aug 68

160,234

104
Radiisotopes in the Investigation of Inherent Properties, by Yu. S. Zaslavskiy, G. I. Il'bor,
195 pp.

RUSSIAN, br., Radiisotopy v lesovedenii. Izdatelstvo
Sverdlovskich i stranov. 1967.

AIR/FTD/41-24-1-68

AD 679 517

Yu. S. Zaslavskiy

Sci-Prop and Fuels
Feb 69

372,169

Equipment for Intra-Plant Transport New and
Modernized Equipment Introduced or Prepared for
Production during the Last Two Years, by J.
Zakrzewski, 9 pp. ⁷⁵
POLISH, per, Przemysł Mechaniczny, No 9-10,
pp 292-296.
ACSI J-3274
ID 2204040167

Sci-
Mechanical Engr.
Dec 67

346,104

Experimental Design Description of an Hydrostatic Transmission Applied to Drive a Fork Truck, by
Jerzy Zaskurski. 9 pp.
POLISH, per, Przeglad Mechaniczny, No 6, pp 163-
171, 25 Mar 1967
ACSI J-2574
ID 2204022167

Jerzy Zaskurski

Sci/technical Engr
Jul 67

531, 343

P. P. ZASKAL'KO

An Investigation of the Effect of the Oil Base on the
Mechanical Destruction of Polyisobutylene in Thickened
Oils, by G. I. Kichkin, P. P. Zaskal'ko, 6 pp.
RUSSIA, per, Neftepererabotka i Neftekhimiya, No. 12,
1969, pp. 13-15.
ARM/FSTC/HF-23-651-72

May 72

Parameters of Recrystallisation of Manganese and
Tungsten, by L.N. Levikov, Ye.E. Zasimchuk,
et al. 15 pp.

RUSSIA, bk. Akademii Nauk SSSR, Nauchnye Soveti Pro
Problemy Izucheniya Spalivov, Tsvetovym i
Stal'yu i Spalivom. 1965, pp. 171-174. P 0020046
FD-51-65-412

Ye. E. Zasimchuk

Sci/Chemistry
Sep 66

S 100,474

Influence of Titanium and Molybdenum on the Temperature of Recrystallization and Hardening of Steel Alloys, by I. Yu. Kantorovich,
Ye. T. Zasimchuk, et al. 15 pp.
RUSSIAN, bk. Akad Nauk SSSR, Nauchnyy Sovet Pg
Problems Zheoprostoych Spalivov, Tsvetkov, Lira
Stalev I. S. 1965, pp 147-151. P 002 514
PTB-47-65-612

Ye T. Zasimchuk

Sci/Chemistry
Sep 66

3400, 475

B.N. Zaselyan

Portion of Mg-Y-Zn Phase Diagram Rich in
Magnesium, by B.N. Zaselyan, 7 pp.
RUSSIAN, per. Izv Akad Nauk SSSR Metally, No 6,
1968, pp 191-194.
ACSI-J-7819 7819
FSTC-NT-23-491-70

Jan 72

Automatic photoelectric weighing instrument
with a Peacock; Range up to 400 Kilograms, by
A. Ruski, Ryszard Zarycki, 33 pp.
POLISH, POL, Warsaw, Instytut Komunikacj. Przemysl.,
to 31, 1967, AD 14-21.
AIR/PTD-TP-23-349-69

Ryszard Zarycki
sci/act/techn eng
May 70

Forms of Contact Between the State and
Peasant Farms, by Juliusz Karzycki, 10 pp.
POLISH, per, Hans Drori, No. 11, Warsaw,
Dec 67, pp. 45-53.
JMS 43,783

27

PL(Poland)
Economic
Doc 67

437,614

An Optical Method for the Study of Spinodal Decomposition, by J. Zarzycki.
FRENCH, per, C. R. Acad Sci, Ser B., Vol 266, 1968,
pp 145-148.
NBS TT 71-53036
Available NBS Only

J. Zarzycki

June 71

R. Zarzycki

More Evidence for Spinodal Decomposition in the System
 B_2O_3 - PbO - Al_2O_3 From X-Ray Diffraction Studies, by
J. Zarzycki.

FRENCH, par, C. R. Acad. Sci., Ser B, Vol 265, 1967,
pp 1456-1459.

NBS TT 71-53037
Available NBS Only

J. Zarzycki

June 71

1. 4. 1. 222-1000-001

Calculation of the Losses in Annular Axysymmetric Diffusers of Turbine Exhaust Nozzles, by
A. E. Zarynskin.
BUSSIAN, per, Izvestiya Vsesokh. Nauchno-tekhnicheskogo Zayaz-
dani. Avtostoyannaya Tekhnika, Vol. 6, No. 2,
1963, pp 70-77
NTC 71-13660-01A

Feb 72

Influence of the Oxygen Content of Liquid Steel
on Size and Amount of Inclusions in Decarburization
with Aluminum, by E. Ya. Zarvin.
RUSSIAN, per, Izvest. VUZ Chern Met.,
Vol 11, No 10, 1968, pp 57-61.
IB 7675

69

E. Ya. Zarvin

E. Ya. Zarvin

Sci-Materials
April 69

5776751

Effect of the Amount of Additive and Residual
Aluminum on Impurities and Fatigue Properties
of Rail Steel, by Yu. Ya. Zarvin. *G7*
RUSSIAN, par, Izv Vuz Chern Met, No 6, 1969,
pp 76-79.
BLSI 8269

Sci-Met
Jul 70

Yu. Ya. Zarvin

Effect of Initial Oxygen Content in Metal 80
Upon the Size and Number of Inclusions
When Decarburized with Aluminium, by
E. Ya. Zarvin.
RUSSIAN, per, Izv VUZ Chern Met, No 10,
1968, pp 57-61.
*HB 7673

Sci-Mat
Mar 69

The Mechanism of Supply and Demand, by V.
Kerugov, 7 pp.
RUSSIAN, per, Planes and Instruments, No 6,
Jun 1965, pp. 87-90.
JPNB 31605

USER
Boon
Aug 65

200, 1770

Topographic Stages and Old Peneplain Relicts in
the Altai, by N. N. Zarudnyy, I. A. Rezanov.
RUSSIA, PER, Dok Ak Nauk SSSR, Vol 179, No 2,
1968, pp.416-419
AGI

N.N. Zarudnyy

Jan 69

374-334

Anabolic Steroids (A Survey of the Literature),
by N. A. Karabina, 17 pp.
RUSSIAN, per, Problemy Endokrinologii i
gормонотерапии, Vol II, No 2, May/April 1966,
pp. 110-114.
JPRS 3043

USSR
Sci-B/M
Jul 65

000,005

~~Increasing the Wear Resistance of Parts of Slurry Pumps,~~
~~Increasing the Wear Resistance of Parts of Slurry Pumps,~~
~~in A Hard Material. 10 pp.~~

Operational Features of the M-47 and M-48
Meteorological Stations, by K. I. Zarubin,
5'1

5 pp.
RUSSIAN, per, Meteorologiya i Gidrologiya,
No 2, 1966, pp. 43-49.
JPRS 34716

K. I. Zarubin.

USER
Sci-ES/A
Apr 66

293,215

Sanitary-Hygienic Measures in the Ukraine
(1918-1920), by G. P. Zarubin, 6 pp.
RUSSIA, pay, Gizgrom i Sanitarnye, No. 9,
Moscow, Sept. 67, pp. 51-54.
JPLS 43,864

(n)

Sci-Bio. and Med. Sci.
Jan 68

347,000

Boundary Layer Equation in the Two-Dimensional
Theory of Ocean Flows, by A. G. Zarubin,
RUSSIAN, par, Dok Ak Nauk SSSR, Vol 179,
No 4, 1968, pp 798-801.
The Am Inst Phys
Vol 13, No 4, Oct 1968

A. G. ZARUBIN

Sci/Phys
Nov 68

370,223

On a Class of Nonlinear Operator Equations, by
A.G. Zarubin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 184, No 3, 1969,
pp 530-533.
The Am Math Soc
Vol 10, No 1, 1969

A. G. Zarubin

June 69

305-099

Influence of Environmental Dustiness on
the Properties of Semiconductor Elements
Produced by Diffusion of Boron into Silicon/
by I. Žáruška.
CZECH, per, Slabopř. Obz., Vol. 26, No. 9
1965, pp 514-520
GB 159/ST 100

I. Žáruška

Sci -
Aug 67

337-164

Housing Construction in 1966-1970, by Tadeusz
Karski, 6 pp.
POLISH, per, Zycie Gospodarcze, No 11, 12 Mar
1967, p. 3.
JPRS 40512

Tadeusz Karski

EE-Poland
Sci-Tech Industrial Engr
Apr 67

319,600

Tadeusz Zarecki

Trend Toward More and Better Housing
Discussed, by Tadeusz Zarecki, 11 pp.
POLISH, per, Nowe Drogi, Warsaw, Mar 72,
pp 106-119.
JPRS 55801

May 72

47

Automaton Mapping and Functional Semimatrices
for a Symmetrical Semigroup of the Alphabet,
by V. P. Zarovnyy, 7 pp.
RUSSIAN, per., Doklady Akademii Nauk SSSR,
Moscow, Vol 182, No 4, 1968, pp 777-782.
JPRS 47,089

Sci-Cybernetics
Jan 69

372,253

V. P. Zarovnyy

Automaton Representations and Functional
Semimatrices in a Symmetrical Alphabet Semigroup,
by V. P. Zarewsky.
MOSCOW, par, Dok Ak Nauk SSSR, Vol 182, No 4,
Oct, 1968, pp 779-784.
The Am Inst of Phys
Vol 13, No 10, 1969.

V-12-242-66-10-1

382,839

May 69

Automaton Representations and Metrics in a
Symmetrical Semigroup of an Abelian Group, by
V. P. Zarovnyi.
RUSSIAN, per, Dok Akad Nauk SSSR, Vol 162, No 5,
Oct, 1968, pp 1015-1021.
The Am Inst of Phys
Vol 13, No 10, 1969.

V. P. Zarovnyi

May 69

381,840

Automaton Mappings and Matrices for a
Symmetrical Semigroup of an Abelian Group.
by V. P. Zarovnyj, 7 pp.
RUSSIAN, per. Doklady Akademii Nauk SSSR,
Moscow, Vol 182, No 5, 1968, pp 1018-1021.
JPRS 47,089

Sci-Cybernetics
Jan 69

372.854

On Selfadaptive Decoding Automata, by V. P. Zarovnyi.
RUSSIA, Ser. Dok Akad Nauk SSSR, Vol 187, No 3,
July 1969, 525-527.
The Am Inst of Phys
Vol 14, No 7, Jan 1970

V. P. Z A R O V N Y I

Feb 70

401, \$10

72
Self-adjusting Decoding Automata Equations, by
V. P. Zarovnyj, 6 pp.
RUSSIAN, per. Izvestiya Akademii Nauk SSSR, Tekhnicheskaya Kibernetika,
Vol 107, No 3, 1969, pp 525-527.
J.A.S. 48890

V. P. Zarovnyj

Sci- Cyber
Sept 69

352.006

Future Tasks Involved in Providing Gas for
the RSPSR, by P. Zarovnyy, 5 pp.
RUSSIAN, per, Zhilishchayushchee i Konsumujushchee
Khozyaystvo, NO 4, APRIL 1966, pp 16-17.
DIA LN 399-66

8

Sci-
Sept 66

P. Zarovnyy

SAC, TDU

Differentiability of the Solution of Basic
Functional Equations of Dynamic Programming,
by R. I. Zarosakiy. 14 p.
RUSSIAN, per, Zhurnal Vychislitelnoi Matematiki
i Matematicheskoi Fiziki, Vol 5, 1965, pp 157-160.
SLA TT-66-10722

R. I. Zarosakiy

Sci-MATH & Data
Jul 66

306,123